

# Marc Girons Lopez

gironslopez.me

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## EDUCATION

### UPPSALA UNIVERSITY

#### PHD IN HYDROLOGY

Expected Oct 2016 | Uppsala, Sweden  
Using socio-hydrological data for improving water management practices.

Main Supervisor: Jan Seibert

### UPPSALA UNIVERSITY

#### MSC IN EARTH SCIENCES

(HYDROLOGY/HYDROGEOLOGY)

Aug 2009 - Jun 2011 | Uppsala, Sweden

### UNIVERSITAT AUTÒNOMA DE BARCELONA (UAB)

#### BSC IN GEOLOGY

Sep 2004 - Jun 2009 | Barcelona, Spain

### UNIVERSITÉ JOSEPH FOURIER (GRENOBLE 1)

#### ERASMUS PROGRAM

Sep 2007 - Jun 2008 | Grenoble, France

## LINKS

Github: // GironsLopez

LinkedIn: // marcgirons

## SKILLS

### PROGRAMMING

Python • Matlab •  $\text{\LaTeX}$  • Fortran

### SCIENTIFIC SOFTWARE

ArcGIS • QGIS • HBV

### LANGUAGES

Native

Catalan • Spanish

Fluent

English • French

Intermediate

Swedish

## SCHOLARSHIPS

- 2014 Liljewalchs travel grant
- 2010 The Swedish - Spanish Foundation for the Promotion of Education and Studies scholarship
- 2007 ERASMUS scholarship

## PROFESSIONAL EXPERIENCE

### LABORATORI CATALÀ DE CONTROL

LAB TECHNICIAN INTERN

Jun 2009 - Sep 2009 | Barcelona, Spain

- Quality control of soils and construction materials for civil engineering projects as well as water analyses.
- Adoption of ISO rules.

### URS CONSULTANT INTERN

Jun 2008 - Sep 2008 | Barcelona, Spain

- Environmental control tests, soil decontamination and hydro-geological data processing.
- Limnology field work for quality control of riverine systems.

## RESEARCH

**Girons Lopez, M., Di Baldassarre, G., Grabs, T., Halldin, S., Seibert, J.** (2016) *Exploring the Role of Social Memory of Floods for Designing Flood Early Warning Operations*. Poster presented at the EGU General Assembly, Vienna, Austria.

**Girons Lopez, M., Wennerström, H., Nordén, L.-Å., Seibert, J.** (2015) *Location and density of Rain Gauges for the Estimation of Spatial Varying Precipitation*. Geografiska Annaler. Series A, Physical Geography.

**Mbanguka, R. P., Girons Lopez, M., Jarsjö, J.** (2013) *A Water Balance Model for Assessing Hydro Climatic Variability In Tropical Lake Systems: Application to Lake Babati and Lake Emakat, Northern Tanzania*. Poster presented at the EGU General Assembly, Vienna, Austria.

**Girons Lopez, M.** (2011) *Modelling Climatic and Hydrological Variability in Lake Babati, Northern Tanzania*. Master Thesis, Stockholm University, Sweden.

## TEACHING EXPERIENCE

### TRAINING

2015 Academic Teacher Training Course II, Uppsala University, Uppsala, Sweden

### TEACHING ASSISTANT

Meteorology, hydrology and Environmental Measurement Techniques • Distribution and Treatment of Drinking Water • GIS for Water Resources • Runoff • Climate and Landscape • Soil Mechanics and Engineering Geology • Groundwater and Runoff Modelling • Hydrology and Water Resource Management • Statistical Methods in Hydrology

### FIELD WORK

Global Hydrology • Field Course in Earth Science II • Hydrology and Water Resource management

## REPRESENTATION

- 2014 PhD student representative at the Centre for Natural Disaster Science (CNDS) Program Board, Uppsala University, Uppsala, Sweden
- 2013 PhD student representative at the Department of Earth Sciences Board, Uppsala University, Uppsala, Sweden
- 2007 Student representative at the Geology Section board, Universitat Autònoma de Barcelona, Barcelona, Spain